

Bachelor / Master Thesis

Background

EnzyTag is a start-up company focussing on chemo-enzymatic peptide synthesis. We are located in the Nuth, just next to the Chemelot Campus.

Our goal is to develop manufacturing processes for peptide-based new chemical entities (NCEs) and bioconjugates using the peptiligase platform.

This technology provides a more efficient and sustainable alternative to conventional peptide synthesis methods and additionally opens up opportunities for the generation of macro-cycles, bioconjugates and synthetic proteins.

Project description

Several projects are available that aim to broaden the application scope for the peptiligase technology.

Projects include the following methods:

- Solid phase peptide synthesis (SPPS)
- Enzyme catalysis
- Reaction engineering
- Biochemical protein characterisation
- Instrumental analysis with HPLC and LC-MS

The project focus can be adapted according to interest and project duration.

Requirements

We are looking for highly motivated students of biotechnology, (bio-) chemistry or related subjects with very good grades for a practical semester, a bachelor thesis or a master thesis of at least six months.

Applicants should have a strong interest in organic- and enzymatic synthesis and enjoy hands-on work in the lab. Good knowledge of the English language is required.

Suitable candidates are given the opportunity to learn a broad spectrum of methods in an interdisciplinary and international working environment. After a training period, the candidate will be able to work independently on the project.

Contact

Please send applications including a CV and a up-to-date study record to:

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For more information see
www.enzytag.com